








Plastic screw cap for pressurized bottles.

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Inventor: SCHMITZ ALEXANDER-GEORG (DE)
Applicant: BERG JACOB GMBH CO KG (DE)
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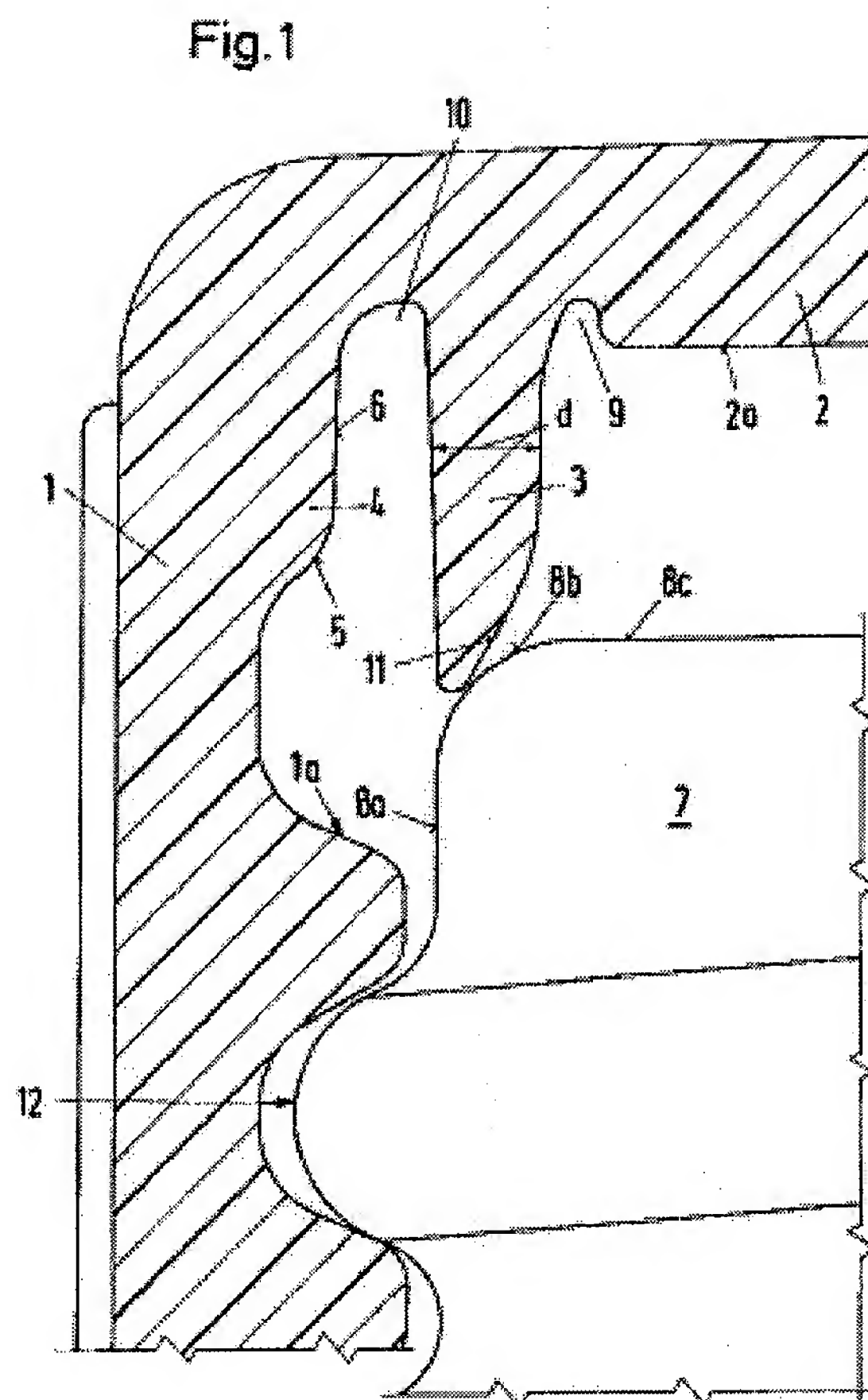
Cited documents:

 US4623070
 EP0114127
 EP0293901

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Abstract of EP0529383

The present invention relates to a plastic screw cap for bottles, in particular for pressurised beverage bottles, consisting of a basically cylindrical outer surface (1) with an internal thread (1a) and of a substantially circular top plate (2) onto whose inner side (2a) a thin, annular sealing strip (3) is integrally moulded, and at the transition of said sealing strip to the cylindrical outer surface (1) a bead (4) is provided on the inner side for pressing the sealing strip (3) against the upper, outer edge (8a, b) of a bottle neck (7). In order to provide a plastic screw cap with the features mentioned above, whose leaktightness is guaranteed in an improved manner even in the case of considerable overpressure in a bottle, it is proposed according to the invention that the bead (4) has an at least approximately cylindrical inner wall (6) which is concentric to the closure axis and whose diameter is slightly larger than the outer diameter of the upper edge (8a) of the bottle neck, that the sealing strip (3) is of substantially cylindrical construction, and that the outer diameter of the sealing strip is approximately equal to the outer diameter of the edge of the bottle neck.



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